

IGNATOVA, L.A.; GORYAYEV, M.I.

Reduction of *l*-camphor oxime on skeletal nickel. Izv. AN Kazakh.
SSR.Ser. khim. no.1:105-108 '60. (MIRA 13:11)
(Camphor) (Oximes)

IGNATOVA, L.A.; GORYAYEV, M.I.

Synthesis of diethanolbornylamine esters. Izv. AN Kazakh. SSR. Ser.
khim. no.1:109-112 '60. (MIRA 13:11)
(Bornylamine)

~~IGNATOV, I. A.~~; GORYAYEV, M. I.

Antitumor preparations. Part 3: Synthesis of di-(2-chlor-ethyl)-
bornylamine. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 6:207-
209 '60. (MIRA 13:12)

(BORNANAMINE)

IGNATOVA, L. A., CAND CHEM SCI, "^{Study}INVESTIGATION OF THE
ESSENTIAL OILS OF CORYMBOSE TANSY AND ~~CARUM~~^{upra} AJOWAN ON THE
BASIS OF THEIR COMPONENTS." ALMA-ATA, 1961. (KAZAKH STATE
UNIV IMENI S. M. KIROV). (KL-DV, 11-61, 210).

GORAYEV, M.I., akademik; TOLSTIKOV, G.A.; IGNATOVA, L.A.; DEMBITSKIY,
A.D.

Natural ~~β~~-cedrene. Dokl. AN SSSR 146 no.6:1331-1332 0 '62.
(MIRA 15:10)

1. Institut khimicheskikh nauk AN KazSSR. 2. AN KasZZR (for
Goryayev).

(Cedrene)

KONATOVA, L.A.; TOUSTIN, G.V.; ANDRIYAN, A. A.; et al. 1964.

Chemical composition of essential oil from *Juniperus semiglobosa* Rgl.
Zhur. prikl. khim. 37 no.6:1389-1391 1964.

(MIRA 18:3)

TOLSTIKOV, G.A.; IONATOVA, I.A.; BUREMYAN, N.I.

Synthesizing β -cedrene. Zhur. prikl. khim. 37 no.12:2771-2772
D '64. (RUR 18:3)

L 32387-65 EWT(m)/EPF(o)/EWP(j) Pc-4/Pr-4 RM

S/0286/65/000/003/0060/0060

ACCESSION NR: AP5007183

AUTHOR: Gridunov, I. T.; Donskaya, M. H.; Unkovskiy, B. V.; Ignatova, L. A.;
Alekseyeva, T. A.

TITLE: A method for vulcanizing natural rubber. Class 39, No. 167999

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 3, 1965, 60

TOPIC TAGS: natural rubber, rubber vulcanization

ABSTRACT: This Author's Certificate introduces a method for vulcanizing natural rubber in which urea derivatives are used as the vulcanization accelerator. In order to provide a wider choice of thiourea vulcanization accelerators, 1-(2-methyl-3-oxobutyl)-3-phenyl-2-thiourea and 1-(2-methyl-3-oxobutyl-3-benzyl-2-thiourea are used.

ASSOCIATION: none

SUBMITTED: 10Apr63

ENCL: 00

SUB CODE: MT, GC

NO REF SOV: 000

OTHER: 000

Card 1/1

GORYAYEV, M.I.; IGNATOVA, L.A.; TOLSTIKOV, G.A.; DEMBITSKIY, A.D.

Chemicals constituents of essential oils. Part 13: Hydrogenation of 4-terpinenol and the synthesis of some amino derivatives of p-menthane. Zhur. ob. khim. 35 no.7:1186-1190 J1 '65.

(MIRA 18:8)

1. Institut khimii AN KazSSR.

L 59382-65 EPT(o)/EWP(j)/EWT(m) Po-L/Pr-L RM

ACCESSION NR: AP5017843

UR/0286/65/000/011/0079/0079
678.4.048.9:547.85

AUTHOR: Koshelov, P. P.; Unkovskiy, B. V.; Gridunov, I. T.; Otopova, M. A.
Donskaya, M. M.; Ignatova, L. A.; Andreyev, L. V.

TITLE: Method of protecting rubbers. Class 39, No. 171569 15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 11, 1965, 79

TOPIC TAGS: rubber, rubber stabilizer

ABSTRACT: An Author Certificate has been issued for a noncoloring stabilizer which protects natural rubber against ~~ozone~~ and light-induced aging. The stabilizer is a 4,4,6-trialkyl-1H-alkyl(aryl, aralkyl)-1, 2, 3, 4-tetrahydropyrimidinethione-2 [sic]. [SM]

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow Institute of Fine Chemical Technology)

SUBMITTED: 20Feb64

ENCL: 00

SUB CODE: MT

NO REF BOV: 000

OTHER: 000

ATD PRESS: 4047

Card 1/1

LEGNATOVA, L. I.

3

New data on the geochemistry of copper in the supergene mineralization zone. V. V. Shtcherbina and L. I. Legnatova. *Zapiski Vostochn. Mineralog. Obshchestva* 87: 883-4 (1986). Cf. Chukhrov, C.A. 45, 8077g: 49, 16646i. — For the occurrence of malachite in the oxidation zone of primary chalcocopyrite deposits, the oxidation of the sulfide ore to sol. CuSO_4 and then the reaction of this salt with CaCO_3 in the country rock is typical. Chrysocolla, $\text{CuSiO}_3 \cdot \text{H}_2\text{O}$, is evidently pptd. in alk. solns. of Na_2SiO_3 with pH between 9.2 and 11.6. A sequence of pseudomalachite (Cu phosphate) changed to malachite changed to chrysocolla is often observed. The authors describe a complex-forming reaction between pseudomalachite and Na_2CO_3 to deep-blue solns. with 0.186 g. CuO/l. and 0.1182 g. $\text{P}_2\text{O}_5/\text{l.}$ (pH 10.81) from which the double salts $\text{Na}_3\text{PO}_4 \cdot \text{Na}_2\text{CO}_3$ or $\text{Na}_3\text{PO}_4 \cdot 2\text{Na}_2\text{CO}_3$ crystallize; blue ppts. of azurite are formed which are easily changed to odolithic malachite. The authors are of the opinion that in nature solns. of NaHCO_3 , or better said, solns. of the equil. $\text{Na}_2\text{HPO}_4 + \text{CO}_2 + \text{H}_2\text{O} \rightleftharpoons \text{NaHCO}_3 + \text{NaH}_2\text{PO}_4$, are important media for the formation of azurite in the reaction series mentioned above, with increasing pH values. The reverse reactions are very rare in nature. W. Bled

EE

3.6.11.07A, 1.1
m 3
2
/ Formation and dissolving of autunite. V. V. Shesternina and I. I. Ignatova. *Geokhimiya* 1955, No. 2, 67-61.
Autunite, $\text{Ca}(\text{PO}_3)_2 \cdot (\text{UO}_2)_2 \cdot 8\text{H}_2\text{O}$, is one of the most widely distributed U minerals, but curiously enough it is absent in some large deposits, such as the one in the Belgian Congo. Field evidence and exptl. data have been gathered to find the conditions that are unfavorable to the existence of autunite. In general, there is field evidence that when the surface solus. have a pH greater than 7 (and carry silica), autunite is transformed into phosphouranylite and uranophane. New data on the soln. of autunite in 1% and 5% Na_2CO_3 and NaHCO_3 solns. are given in graphz. Finally, the principle of "antagonism" between certain minerals, or "forbidden association," is shown to explain the absence of autunite in some deposits where one would expect to find it; a Ca uranyl phosphate reacts with Ca uranyl silicate to give Cu uranyl phosphate, torbernite, and a Ca uranyl silicate; hence autunite and Cu uranyl silicate cannot exist in the same deposit. Pb, in place of Ca, behaves similarly but with more complexity.
V. H. Gottschalk

Translation
M 3-053, 416

SHCHERBINA, V.V.; IGNATOVA, L.I.; KARMANOVA, I.G.; FEDOROVA, M.V.;
TVERDOKHLEBOVA, K.A.

Factors affecting the endogenous distribution and concentration of
beryllium and lithium. Min.syr'e no.7:18-27 '63. (MIRA 16:9)
(Beryllium) (Lithium)

IGNATOVA, I.I.; KARPOVA, L.N.; ZHIL'TSOVA, I.G.

Synthesis of minerals of the aluminum phosphate group. Geokhimiia
no.11:1355-1363 N '65. (MIRA 19:1)

1. Submitted March 27, 1965.

IGNATOVA, L.N.

Effect of vitamin B₁₂ on the regression of cholesterol atherosclerosis
in rabbits. Biul. eksp. biol. i med. 50 no.7:42-46 JI '60.

(MIRA 14:5)

1. Iz Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR A.L.
Myasnikov) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom
AMN SSSR A.L. Myasnikovym.

(ARTERIOSCLEROSIS)

(CYANOCOBALAMINE)

IGNATOVA, L.N.

Changes in the choline and methionine in the blood under the
influence of vitamin B₁₂ in atherosclerosis. Kardiologii: 1
no. 5:35-39 '61 (MIRA 17:4)

IGNATOVA, L.N. (Moskva)

Effect of vitamin B₁₂ on the amount of cholesterol, phospholipids, and prothrombin in the blood serum and on blood coagulation in patients with atherosclerosis. Klin.med. 39 no.5:49-52 My '61. (MIRA 14:5)

1. Iz Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov).
(ARTERIOSCLEROSIS) (BLOOD COAGULATION) (CHOLESTEROL)
(PHOSPHOLIPIDS) (CYANOCOBALAMINE)

RYVKIN, I.A.; IGNATOVA, L.N.

Significance of hereditary and environmental factors in the development of hypertension and lipid metabolism disorders; studies on twins. Vest. AMN SSSR 18 no.12:29-34 '63.
(MIRA 17:7)

1. Institut terapii AMN SSSR.

IGNATOVA, L.P.

~~SECRET~~

Improving the training of specialists for the knit goods industry. Leg.prom.
(MIRA 6:11)
7 no.8:13-14 Ag '47. (Knit goods)

1. IGNATOVA, DOCENT, L. P.

2. USSR (600)

4. Hosiery

7. Technological calculations of producing hosiery from caprone. Leg. prom. 12, no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

IGNATOVA, Lidia Petrovna, kandidat tekhnicheskikh nauk; NADEZHDA, N.P.,
retsensent; SHALOVA, I.I., retsensent; MOGILEVSKIY, I.Ya., nauchnyy
redaktor; GORDEYCHIK, G.M., redaktor; MRDVEDEV, L.N., tekhnicheskiy
redaktor

[Preparing yarn for the knit goods production] Podgotovka priazhi
dlia trikotazhnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo
Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR,
1954. 131 p. (MLRA 8:3)

(Knit goods industry) (Yarn)

IGNATOVA, L. [P.]

IGNATOW, L.

Technological analysis of hosiery made from caprone. Tr. from the Russian.
P. 72. (HISTORYZACJA, Vol. 5, No. 4, Apr. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (LMI), 10, Vol. 3, No. 12, Dec.
1954, Uncl.

IONATOVA, L.P.

Determining general rules of shrinkage and deformation in knitted fabrics. Leg.prom. 15 no.12:24-25 D '55. (MLBA 9:5)
(Knit goods)

MIKHAYLOV, Konstantin Dmitriyevich; KHARITONOV, Lev Fedorovich; GUSEVA, Antonina Aleksandrovna; DALIDOVICH, A.S., redaktor; MIL'CHENKO, I.S. redaktor; NADEZHDINA, N.P., kandidat tekhnicheskikh nauk, retsenzent, [deceased]; IGNATOVA, L.P., kandidat tekhnicheskikh nauk, retsenzent; PLEMYANNIKOV, M.N., redaktor; NEKRASOVA, O.I., tekhnicheskiiy redaktor

[Knitting technology] Tekhnologiya trikotazha. Pod obshchei red. A.S. Dalidovicha, L.S. Mil'chenko i K.D. Mikhailova. Moskva, Gos. nauchno-tekhn. izd-vo M-va legkoi promyshl. SSSR, 1956.
825 p. (MLRA 10:5)

(Knitting machines)

IGNATOVA, L.P., kand.tekhn.nauk

Development of the Ukrainian knit goods industry under Soviet rule.
Izv. vys. uchob.zav.; tekhn.prom. no.1:144-152 '58.

(MIRA 11:6)

1.Kiyevskiy tekhnologicheskoy institut legkoy promyshlennosti.
(Ukraine--Knit goods industry)

IGNATOVA, L.P., kand.tekhn.nauk

Machine knitting abroad. Izv. vys.ucheb. zav.; tekhn.log. prom.
no.2:153-160 '58. (MIRA 11:6)

1.Kiyeveskiy tekhnologicheskii institut legkoy promyshlennosti.
(Knitting, Machine)

IGNATOVA, L.; BAKLAZHENKO, L.

"Machinery and technology of warp-knitted fabric production"
by O.D. Galanina, A.M. Katsenelenbogen. Reviewed by L. Ignatova,
L. Baklazhenko. Leg. prom. 18 no.9:57 S '58. (MIRA 11:10)
(Knitting, Machine)
(Galanina, O.D.)
(Katsenelenbogen, A.M.)

IGNATOVA, L.P., kand.tekhn.nauk,dots.; BRAGA, D.T., inzh.; VASHCHINSKIY,
L.K., inzh.

Manufacturing nylon socks by a single-process method on cotton
knitting machines without a jacquard apparatus. Izv.vys.ucheb.
sav.; tekhn.prom. no.5:128-139 '59. (MIRA 13:4)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii trikotazhnogo proizvodstva.
(Hosiery, Nylon) (Knitting machines)

AFANAS'YEV, O.O. [Afanas'iev, O.O.]; GORVITS, S.M. [Horvits, S.M.];
IGNATOVA, L.P. [Ihnatova, L.P.]; KOTOV, M.P.; NOVIK, G.B.
[Novyk, H.B.]; ORLOV, I.V.; PEYSAKHZON, L.B.; ROZENMAN, G.S.
[Rozenman, H.S.]; SKATERNY, V.A.; TSITRIN, L.I.; CHECHENEV,
M.I. [Checheniev, M.I.]; SHOSTAK, S.I.; NAZARENKO, N., red.;
GORKAVENKO, L. [Horkavenko, L.], tekhn.red.

[Light industry of the Ukraine] Legka promyslovist' Ukrainy.
Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1960. 197 p.

(MIRA 14:4)

(Ukraine--Industries)

IGNATOVA, L.P.

Changes occurring in the size of knit clothing parts during manufacture. Tekst. prom. 20 no. 12:29-32 D '60. (MIRA 13:12)

1. Zaveduyushchaya kafedroy tekhnologii trikotazha Kiyevskogo tekhnologicheskogo instituta.
(Knit goods industry)

IGNATOVA, L.P., kand.tekhn.nauk, dotsent; BRAGA, D.T., inzh.

Calculations for the manufacture of mesh hosiery on Cotton-type knitting machines. Izv.vys.ucheb.zav.; tekhn.prom. no.2:112-116 '61. (MIRA 14:5)

1. Kiyevskiy tekhnologicheskoy institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii trikotazhnogo proizvodstva.
(Hosiery)

IGNATOVA, Lidiya Petrovna, kand. tekhn. nauk; SLUSHAYENKO, Ye.N., inzh.,
retsensent; STEPANOVA, E.A., inzh., red.izd-va; SHAFETA, S.M.,
tekhn. red.

[Synthetic fibers in the manufacture of knit goods]Khimicheskie
volokna v trikotazhnom proizvodstve. Kiev, Gostekhzdat USSR,
1962. 113 p. (MIRA 16:2)
(Textile fibers, Synthetic) (Knit goods industry)

IGNATOVA, L.P., dotsent, kand. tekhn. nauk; KREPEL', M.B.

Run-resist system used in the manufacture of seamless hosiery.
Tekst. prom. 25 no.8:43-47 Ag '65. (MIRA 18:9)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti
(for Ignatova). 2. Zaveduyushchiy sektorom chulochnoy laboratorii
Ukrainskogo nauchno-issledovatel'skogo institut po pererabotke
iskusstvennykh i sinteticheskikh volokon.

IGNATOVA, L.P., kand. tekhn. nauk, dotsent; KREPEL', M.G.

Run-resistant weaves used in the manufacture of seamless hosiery.
Tekst. prom. 25 no.9:49-53 S '65. (MIRA 18:10)

1. Kiyevskiy institut legkoy promyshlennosti (for Ignatova).
2. Zaveduyushchiy sektorom chulochnoy laboratorii Ukrainakogo nauchno-issledovatel'skogo instituta po pererabotke iskusstvennogo i sinteticheskogo volokna (for Krepel').

KOROVETSKAYA, N.N., SULOZHINA, M. F., IGNATOVA, L. V.

Swine

Bacon and lard productivity in a crossbreed of the Livenski and Heavy White swine.
Sots. zhiv. 14 no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, 1952. Unclassified
July

IGNATOVA, M.D.

Structural differences and mineralogical composition of certain
types of pegmatite veins in the Vitim and Paten Plateaus. Trudy
Inst.geol.nauk no.165:78-88 '55. (MLRA 9:4)
(Vitim Plateau--Pegmatites) (Paten Plateau--Pegmatites)

BELYANKINA, Ye.D.; GUR'YEVA, E.Ya.; IGNATOVA, M.D.; PETROV, V.P.;
TOLSTIKHINA, K.I.; APANAS'YEV, G.D., glavnyy red.; ZALESSKIY, B.V.,
kand.geol.-min.nauk, otv.red.; MAKUNI, Ye.V., tekhn.red.

[Genesis and types of commercial muscovite] Genesis i tipizatsii
promyshlennogo muskovita. Moskva, Izd-vo Akad.nauk SSSR, 1958.
152p. (Akademiya nauk SSSR. Institut geologii rudnykh mestorosh-
denii, petrografii, mineralogii i geokhimii. Trudy no.12)

(MIRA 11:12)

(Muscovite)

IGNATOVA, M. I.

PERTUSSIS

"The Significance of Serological Reactions in the Diagnostics of Atypical Forms of Whooping Cough", by M.I. Ignatova, Nuachnyye Trudy Moskovskogo Instituta Vaktsin i Syvorotok, 1956, 6, pp 253-259. (from Meditsinskiy Referativnyy Zhurnal, Section 1, No 2, 1957, p 83).

Serological examination was made of the sera of children assumedly diagnosed for whooping cough in spite of a negative bacteriological test. Reactions of fixation of the complement (by thermal and cold methods) and agglutination (by volumetric method and slide reaction) were applied. In 31% of cases, the serological methods employed made it possible to detect antibodies to pertussis's rod-shaped bacteria; this fact indicates the atypical forms of whooping cough in these children. The sensitivity reaction of agglutination exceeded that of the fixation of the complement.

Card 1/1

- 61 -

SOV/16-59-9-18/47

17(2)

AUTHOR: Ignatova, M.I.

TITLE: Study of the Thermolabile Antigen of Shigella Flexneri Types C and F and Its Immunogenic Properties

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 9, [√]30, pp 85-90 (USSR)

ABSTRACT: Tests were performed with 118 Shigella flexneri types c and f (S-form) to detect the presence of a thermolabile antigen. The presence of this was finally demonstrated by: 1) reaction with tripaflavine and Milon's reagent (the method used to detect a Vi-antigen in Salmonella typhosa) and 2) agglutination reaction with hyper-immune rabbit sera, free of antibodies to the thermolabile antigen. Further tests showed that the amount of thermolabile antigen in Shigella flexneri drops by 4-8 times after the strains have been heated for 30 minutes at 60-80°C. After 30 minutes' autoclaving at 120°C, the antigen disappears completely. In the course of preparing complete antigens from Shigella flexneri containing thermolabile antigen, the main antigen loss seems to occur during the growth of the bacilli in the reactor under aeration. Other factors, however, also lead to a decrease in the

Card 1/2

SOV/16-59-9-18/47

Study of the Thermolabile Antigen of Shigella Flexneri Types C and F and Its Immunogenic Properties

amount of thermolabile antigen at later stages in the antigen preparation process. These factors are not yet understood. Shigella flexneri labile antigen proved to play a great part in the formation of immunity in experiments on animals. References are made to: T.G. Orlova, Ye.D. Ravich-Birger, V.N. Sekunova, Ya.Ye. Timen and G.N. Chistovich.

There are: 1 table and 10 references, 5 of which are Soviet, 1 German, 3 English and 1 Danish.

ASSOCIATION: Moskovskiy institut vaktsin syvorotok imeni Mechnikova (Institute of Vaccines and Sera imeni Mechnikov, Moscow)

SUBMITTED: May 6, 1958

Card 2/2

IGNATOVA, M.I.

Presence of labile antigens in type e of Flexner's dysenterial microbes and its significance in the formation of immunity. Zhur. mikrobiol. epid i immun. 31 no.6:48-52 Je '60. (MIRA 13:8)

1. Iz Moskovskogo instituta vaksinn, i syvorotok im. Mechnikova.
(SHIGELLA PARADYSENTERIAE) (ANTIGENS AND ANTIBODIES)
(IMMUNITY)

IGNATOVA, M.N.

18(7)

PHASE I BOOK EXPLORATION

SOV/3355

Academy of Sciences USSR, Institut metallurgii. Nauchnyy sovet po probleme zharoprochnykh splavov
Isledovanie po zharoprochnym splavam, t. IV (Studies on Heat-resistant Alloys, vol. 4). Moscow, Izd-vo AN SSSR, 1959. 400 p. Brata allp inserted. 2,200 copies printed.

Ed. of Publishing House: V. A. Klimov; Tech. Ed.: A. P. Gusev; Editorial Board: I. P. Bardin, Academician; G. V. Kurdyumov, Academician; M. V. Agreys, Corresponding Member, USSR Academy of Sciences; I. A. Odintsov, I. M. Pavlov, and I. P. Zudin, Candidate of Technical Sciences.

PURPOSE: This book is intended for metallurgists concerned with the structural metallurgy of alloys.

COVERAGE: This is a collection of specialized studies of various problems in the structural metallurgy of heat-resistant alloys. Some are concerned with theoretical principles, some with descriptions of new equipment and methods, others with properties of specific materials. Various phenomena occurring under repeated conditions are studied and reported on, for details, see Table of Contents. The book is accompanied by a number of references, both Soviet and non-Soviet.

Studies (Cont.)

SOV/3355

Zakharova, M. I., M. I. Ignatova, L. M. Semenov, and M. A. Datskova. Investigation of Phase Transformations in Iron-Vanadium and Iron-Chromium Alloys

263

Zudin, I. P., and O. A. Barmuth. Effect of Chromium, Molybdenum, and Tungsten on the Time and Temperature Dependence of the Hot Hardness of Ferrite

266

Barmuth, O. A., and I. P. Zudin. High Temperature Creep Strength of Complex Alloys of Ferrite with Chromium, Vanadium, Tungsten, and Molybdenum

273

Prigantsev, M. Y. Some Problems in the Theory of Heat Resistance

280

Odintsov, I. A., and V. M. Semakov. New Method of Extrapolating Long-Time Strength Properties from Short-Time Endurance Test Data

287

Stanyukovich, A. V. Investigation of Plasticity Properties

Card 9/12

L 3798-66 EWT(1) GW
ACCESSION NR: AT 5023303

UR/2547/65/000/157/0125/0134
528.21:550.8

AUTHOR: Ignatova, M. P.
44,35

TITLE: The estimate of the accuracy of Numerov's formula for the vertical gravitation gradients using Earth's models

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aeros'yemki i kartografi. Trudy, no. 157, 1965. Issledovaniya po geodezicheskoy gravimetrii (Research on geodetic gravimetry), 125-134

TOPIC TAGS: gravitation effect, earth planet, geophysics, gravity, earth gravity

ABSTRACT: In the determination of the shape of the Earth the magnitude of the vertical gradient must be known with a relative accuracy of the order of Earth's contraction. Consequently, the present author investigates the existing formulas for the computation of the vertical gradient (Numerov's formula and the equivalent Evjen formula). Various modifications utilize gravitational anomalies under the assumption that they are observed on a plane surface. In reality, however, terrain is never perfectly flat. The influence of inclinations of the terrain is estimated with the help of Earth's models in the form of a truncated cone, a cone with a rounded-off apex, and a ravine of infinite extension. The case is also investigated containing anomalies created

Card 1/2

L 3798-66

ACCESSION NR: AT5023303

by a point mass on an inclined plane surface. Tabulated results show that errors of the vertical gradient value may reach several dozen per cent. "The present study was carried out under the supervision of M. A. Yurkina. The author thanks Ye. Ye. Karachanskaya and A. B. Staristina for their extensive help during the calculation of the tables." Orig. art. has: 24 formulas, 5 figures, and 8 tables.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut geodesii, aerofotogrammetrii i kartografii, Moscow (Central Scientific-Research Institute of Geodesy, Aerial Photographic Survey, and Cartography)

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NO REF SOV: 005

OTHER: 002

Card 2/2

IGNATOVA, M.S.

Clinical findings on the treatment of chorea in children. *Pediatrics*,
Moskva no.4:28-31 July-Aug 1953. (CMLL 25:1)

1. Fifth course student. 2. Of the Clinic for Children's Diseases of
L'vov Medical Institute.

IGNATOVA, M.S.; SIDOROVA, A.V.

Clinical aspects and therapy of cardiotuberculous liver
cirrhosis. *Pediatrics* no.3:9-12 My-Je '55. (MLRA 8:10)

1. Iz kafedry pediatrii (zav.deystvitel'nyy chlen Akademii
meditsinskikh nauk SSSR; prof. G.N.Speranskiy) Tsentral'nogo
instituta usovershenstvovaniya vrachey dir. V.P.Lebedeva)
na baze detskoy bol'nitsy imeni F.E.Dzerzhinskogo

(PERICARDITIS, ADHESIVE, etiol. and pathogen.
tuberc., surg.)

(TUBERCULOSIS, CARDIOVASCULAR, compl.
Pick's dis.surg.)

Ignatova, M. S.

~~IGNATOVA, M.S.~~

Activity of nonspecific antihyaluronidase in the blood serum in healthy children. *Pediatrics* no.11:40-43 N '57. (MIRA 11:2)

1. Iz kafedry pediatrii (sav. - deystvitel'nyy cheln AMN SSSR prof. G.N.Speranskiy) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P.Lebedeva)
(ANTIHYALURONIDASE) (BLOOD SERUM)

Ignatova, M.S.
IGNATOVA, M.S., aspirant

Role of the ferment system: hyaluronic acid - hyaluronidase -
antihyaluronidase in the physiology and pathology of an animal
organism. *Pediatrics* 40 no.1:73-79 Ja '57. (MIRA 10:10)

1. Iz kafedry pediatrii (sav. - deystvitel'nyy chlen AMN SSSR
prof. G.N. Sperenskiy) Tsentral'nogo instituta usovershenstvovaniya
vrachey (dir. V.P. Lebedeva).
(CONNECTIVE TISSUES) (HYALURONIC ACID)
(HYALURONIDASE)

IGEATOVA, M.S.

Dynamics of nonspecific antihyaluronidase of the blood in children during the acute stage of rheumatic fever [with summary in English]. (MIRA 11:3)
Pediatria 36 no.3:66-73 Mr '58.

1. Iz kafedry pediatrii (zav.-deystvitel'nyy chlen AMN SSSR prof. G.N.Speranskiy, nauchnyy rukovoditel'-prof. A.S.Kozentl') Tsentral'nogo instituta usovershenstvovaniya vrachev (dir. V.P. Lebedeva) na baze detskoy bol'nitsy imeni F.E.Dzerzhinskogo (glavnyy vrach A.N.Kudryasheva)
(RHEUMATIC FEVER) (ANTIHYALURONIDASE)

IGNATOVA, M. S., Candidate Med Sci (diss) -- "The activity of nonspecific anti-hyaluronidase in rheumatism among children (Clinical-laboratory investigations)". Moscow, 1959. 14 pp (Order of Labor Red Banner Inst of Pediatrics of the Acad Med Sci USSR), 200 copies (KL, No 22, 1959, 121)

SPERANSKIY, G.N., prof., Geroy Sotsialisticheskogo Truda, red.; GAMBURG,
R.L., doktor med.nauk, red.; IGNATOVA, M.S., red.

[Current problems of rheumatic fever in children] Aktual'nye
voprosy revmatizma u detei. Pod red. G.N.Speranskogo i R.L.
Gamburg. Moskva, M-vo zdavookhraneniia SSSR, 1960. 173 p.
(MIRA 13:10)

1. Moscow. Tsentral'nyy institut usovershenstvovaniya vrachey.
2. Daystvitel'nyy chlen AMN SSSR (for Speranskiy).
(RHEUMATIC FEVER)

IGNATOVA, M.S.

"Chronic tonsillitis in children" by D.D. Lebedev and A.V.
Dolgopolova. Reviewed by M.S. Ignatova. Vop. okh. mat. i det.
7 no. 9: 91-92 S '62. (MIRA 15:12)
(TONSILS--DISEASES) (LEVEDEV, D.D.)
(DOLGOPOLOVA, A.V.)

MATVEYEV, M.P.; IGNATOVA, M.S.; GAVRYUSHOVA, L.P.

Schoenlein-Henoch disease (hyperergic vasculitis in children
and its compound. Sov. med. 26 no.11:124-127 N'62

(MIRA 17:3)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR
prof. G.N.Speranskiy)TSentral'nogo instituta usovershenstvova-
niya vrachey na baze detskoy bol'nitsy imeni F.E. Dzerzhinskogo
(glavnyy vrach A.N.Kudryashova).

LEVITSKAYA, S.V.; IGNATOVA, M.S.; PREOBRAZHENSKAYA, K.N.; YERMOLIN, V.N.;
KLEBOVSKIY, A.I.; RAYKHLIN, N.T.

Essential epitheliopathy with the megaloblastic anemia syndrome
(congenital ectomesodermal dysplasia). Probl. gemat. i perel.
krovi no.10:12-19 '63 (MIRA 18:1)

1. Iz kafedry pediatrii (zav. - prof. R.L. Gamburg) Tsentral'nogo
instituta usovershenstvovaniya vrachev, bol'nitsy imeni F.E.
Dzerzhinskogo (glavnyy vrach A.N. Kudryashova), patomorfologi-
cheskikh otdelov Instituta terapii i Instituta eksperimental'noy
i klinicheskoy onkologii AMN SSSR.

GAMBURG, R.L.; IGNATOVA, M.S.; PRECBRAZHENSKAYA, K.N.

Antibiotics in the treatment of diffuse glomerulonephrites in children.
Antibiotiki 10 no.6:551-554 Je '65. (MIRA 18:7)

1. Kafedra pediatrii (zav. - prof. R.L. Gamburg) TSentral'nogo
instituta usovershenstvovaniya vrachey, Moskva.

VIRHERT, A.M.; KLENDOVSKIY, A.I.; IGNATOVA, M.S.; YERMOLIN, V.N.

Intravital morphological study of kidney tissue using electron
microscopy in nephropathies in children. Vest.AMN SSSR 20 no.7:65-61
'65. (MIRA 18:8)

2. Institut terapii AMN SSSR i Tsentral'nyy institut usovershenstvovaniya vrachey Ministerstva zdoravookhraneniya SSSR, Moskva.

SHTUTMAN, M.N.; AVDEYENKO, V.P.; NEUYMIN, Yu.A.; KAS'YANOVA, L.V.; IGNATOVA,
M.V.; PEDENKO, V.A.; BUVALITS, A.I.

Precision and reliability of a DFS-10 quantometer at a metallurgical
plant. Zav. lab. 31 no.2:247-249 '65. (MIRA 18:7)

1. Magnitogorskiy metallurgicheskiy kombinat.

IGNATOVA, N.I.

Oxidation-reduction processes in patients with presenile psychosis.
Vrach.delo no.11:1177-1181 N '59. (MIRA 13:4)

1. Odesskiy nauchno-issledovatel'skiy psikhonevrologicheskiy institut.
(OXIDATION, PHYSIOLOGICAL) (ACETONEMIA) (PSYCHOSES)

IGNATOVA, N.I.

Characteristics of ammoniuria in presenile psychosis. Vrach.delo
no.2:94-97 F '63. (MIRA 16:5)

1. Odesskiy nauchno-issledovatel'skiy psikhonevrologicheskiy
institut.

(SENILE PSYCHOSIS) (AMMONIA)

(URINE ANALYSIS AND PATHOLOGY)

OCHAN, S.I.; IGNATOVA, N.I.; SHUKHGALTER, M.V.

Comparative data on the excretion of 17-ketosteroids in women with a presenile psychosis and a climacteric syndrome. Vrach. delo no.9:76-80 S¹63. (MIRA 16:10)

1. Odesskiy nauchno-issledovatel'skiy psikhonevrologicheskiy institut.

(STEROIDS) (SENILE PSYCHOSIS) (CLIMACTERIC)

KUL'KOVA, M.N.; IGNATOVA, N.I.

Occurrence of brittleness in 1Kh21N5T steel plate. Metalloved.
1 term. obr. met. no.3:53-57 Mr '65. (MIRA 18:10)

1. Volgogradskiy zavod "Krasnyy Oktyabr".

5(3), 24(7) SOV/139-59-1-32/34
AUTHORS: Terpugova A.F., Grigor'yeva G.N. and Ignatova N.N.
TITLE: Calculation of Certain Mono-Substituted Benzenes Using
the "Metallic" Model (Raschet nekotorykh monozameshch-
ennykh benzola metodom "metallicheskoj" modeli)
PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Fizika,
1959, Nr 1, pp 170-171 (USSR)
ABSTRACT: The paper reports the use of the "metallic" model to
calculate certain properties of mono-derivatives of
benzene ($C_6H_5NH_2$, C_6H_5Cl , C_6H_5F , C_6H_5Br) and of C_5H_5N .
The four derivatives of benzene are similar in their
electrical and chemical properties and they have
absorption bands in the region 3800 - 2300 Å. The
following assumptions were made in these calculations:
(A) each molecule can be represented by means of a one-
dimensional potential well with infinitely high walls
and length equal to the length of the molecule;
(B) two π -electrons of the substituent and one
 π -electron from each carbon atom form one bond and in
pyridine the benzoid electron structure is conserved;
Card 1/3 (C) the effect of the electro-negative substituents is
allowed for by introducing a further well (V) at the

SOV/139-59-1-32/34
Calculation of Certain Mono-Substituted Benzenes Using the
"Metallic" Model

bottom of the main well. The authors calculated the wavelengths of the low-frequency absorption bands on the five molecules. These calculated values are given in col. 2 of Table 1 and they agree satisfactorily with the experimental values given in col. 3. Table 2 lists the energy levels of benzene, aniline and pyridine. The data of Table 2 suggest that on the introduction of the substituent atom into the benzene ring in place of the C-H group (pyridine), the benzene levels are split. When the substituent atom replaces a hydrogen atom (aniline), new levels appear which are not due to the benzene ring. The first and second bands in the aniline spectrum and in the other three monoderivatives of benzene are due to transitions from a level due to the substituent onto split levels of the benzene ring. The calculated and empirical values of the dipole moment and the oscillator strength of aniline were found to be in satisfactory agreement. For aniline and pyridine the authors obtained also curves which were proportional to their electron densities. It was found that these

Card 2/3

SOV/139-59-1-32/34

Calculation of Certain Mono-Substituted Benzenes Using the
"Metallic" Model

curves confirmed the chemical data on the orienting
effect of substituents of Type I. Acknowledgements
are made to V.I. Danilova and N.A. Prilezhayeva.

NOTE: This is an abridged translation.

There are 2 tables and 10 references, of which 6 are
Soviet and 4 English.

ASSOCIATION: Sibirskiy Fiziko-tekhnicheskiy Institut pri Tomskom
Gosuniversitete imeni V.V. Kuybysheva (Siberian
Card 3/3 Physico-Technical Institute at Tomsk State University
imeni V.V. Kuybyshev)

SUBMITTED: June 13, 1958

L 43320.65 EMT(m)/P(w)/EHA(d)/T/EWP(t)/EWP(z)/EWP(b)/ENT(1)/ENA(c) IJP(c)

KJW:JD

ACCESSION NR: AP5007010

S/0129/65/000/003/OQ53/0057

AUTHOR: Kul'kova, M. N.; Ignatova, N. I.

TITLE: Development of brittleness in heavy gauge 1Kh21N5T sheet steel

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1965, 53-57

TOPIC TAGS: brittleness, sheet metal, austenite, titanium, steel hardening

ABSTRACT: The authors studied the development of brittleness in commercial heavy gauge 1Kh21N5T sheet steel after tempering at 400, 475, 550, and 600°C by determining brittle specimens to 975-1020°C and cooling in water. The processes responsible for the development of brittleness were investigated with the aid of color and magnetic metallography, fractography, dilatometry, electron microscopy, and x-ray structural and chemical analyses of the precipitated and isolated phases. The physical properties were also studied. It was found that after quenching from 980-1050°C, the structure of the metal consists of ferrite (50-80%), austenite (8-45%), and martensite. The carbides TiC and (Cr, Fe)₂₃C₆ are located along the grain boundaries. After tempering at 550°C, the amount of austenite increases by a factor of 1.5-5.5 as compared with the hardened state. An intermetallic phase of composi-

Card 1/2

L 48320-65

ACCESSION NR: AP5007010

tion (Cr, Ni, Fe)₃(Al, Ti) was detected in the embrittled specimens in slight amounts even after hardening, chiefly along the ferrite grain boundaries. It is concluded that in order to eliminate brittleness in 1Kh21N5T steel, the heating temperature prior to rolling should be 1100-1130°C, and the optimum hardening temperature, 1020°C. To improve ductility and decrease the tendency of the steel toward embrittlement, the titanium content should be 0.25-0.5%. Orig. art. has: 4 figures and 2 tables. 21

ASSOCIATION: Volgogradskiy zavod "Krasnyy Oktyabr'" (Volgograd "Krasnyy Oktyabr'" Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

Card 2/2

ИГНАТОВА, Н.П.
KOGAN, L.M.; BURMAKIN, N.M.; IGNATOVA, N.P.; CHERNYAK, N.V.

Formation of octachloro -1,3-pentadiene. Zhur.prikl.khim. 31
no.3:507-508 Mr '58. (MIRA 11:4)
(Pentadiene)

S/080/62/035/003/014/024
D227/D302

AUTHORS: Kogan, L. M. and Ignatova, N. P.

TITLE: Extensive chlorination of butane

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 3, 1962, 593-601

TEXT: The authors wished to establish the character of the continuous chlorination of butane in a solvent medium. Solvents used were CCl_4 , hexachlorobutadiene or polychlorobutanes and the chlorination reaction was initiated by the introduction of free radicals. In studying the effect of the initiator the authors have found that to maintain a steady reaction the initiator should be added in small quantities throughout the process. The reaction has also been found to depend on the molar ratio of chlorine to butane and the best results were obtained when this ratio was equal to 5 and the residence time of the intermediate products substantially increased. It was shown that at 80°C the average Cl content in the molecule of polychlorobutane was equal to the ratio of Cl : butane used. The degree of Cl bonding showed a maximum at 80°C while at the same

Card 1/3

Extensive chlorination of butane

S/080/62/035/003/014/024
D227/D302

time optimum temperature for butane adsorption was 50°C. The effect of the rate of delivery of the starting materials on the reaction was determined while maintaining the volume of the reaction medium constant. Practically 100% consumption of butane occurred when this rate was maintained at 0.43 mol./l.hr. allowing residence time of 14 hours. To ensure the fullest possible utilization of chlorine and butane and to obtain higher polychlorobutanes with the required number of Cl atoms in the molecule, the process of chlorination must be carried out in two stages. There are 8 figures, 2 tables and 8 references: 4 Soviet-bloc and 4 non-Soviet-bloc. The references to the English-language publications read as follows: E. T. McBee and R. E. Hatton, Ind. Eng. Ch., 41, 809, (1949); E. H. Huntress, The preparation, properties, chemical behavior and identification of organic chlorine compounds. N.Y. - London (1948).

ASSOCIATION: Nauchnyy institut po udobreniyam i insektofungicidam
i Kafedra khimicheskoy tekhnologii MGU (Scientific
Institute for Studies of Fertilizers, Insecticides

Card 2/3

Extensive chlorination of butane

S/080/62/035/003/014/024
D227/D302

and Fungicides, and Department of Chemical Technology
of the MGU)

SUBMITTED: July 30, 1960

Card 3/3

KOGAN, L.M.; BURMAKIN, N.M.; IGNATOVA, N.P.; CHERNYAK, N.V.

Development of technological process in the preparation of
hexachlorocyclopentadiene. [Trudy] NIUIF no.164:6-8 '59.
(MIRA 15:5)
(Cyclopentadiene)

KOGAN, L.M.; IGNATOVA, N.P.

Initiation of the reaction of extensive chlorination of butane and its chloro derivatives by means of butylene and bivinyl. Zhur.ob.khim. 33 no.3:883-886 Mr:'63. (MIRA 16:3)

1. Nauchnyy institut po udobreniyam i insektofungisidam i Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
(Butane) (Chlorination) (Butadiene)

ARKHIPOVA, L.V.; VOL'FKOVICH, S.I.; IGNATOVA, N.P.; KOGAN, L.M.; STRO-
ganov, N.S.

Use of hexachlorobutadiene for combating "blooming" of industrial
water. Khim.prom. no.7:498-501 J1 '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet i Vsesoyuznyy nauchno-
issledovatel'skiy institut khimicheskikh sredstv zashchity ras-
teniy.

KOGAN, L.M.; IGNATOVA, N.F.

Effect of air and moisture on the chlorination of butane.
Zhur. org. khim. 1 no.4:683-685 Ap '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh
sredstv zashchity rasteniy, Moskva.

KSANTOPULO, Ya.F.; KOTLYARSKIY, D.I.; IGNATOV, V.A.; ALKINA, E.Kh.; inzh.;
SMIRNOV, Yu.A.; inzh.; KUNITSINA, T.I., inzh.; ~~IGNATOVA, K.T.~~, inzh.;
KIRSANOV, A.I., elektromekhanik; MOLODTSOV, N.A., inzh.; ROD'KO, G.V.

Discussion of two articles "Stamping apparatus for signaling, central control and block systems." and "Periods for testing relays used in signaling, central control and block systems." Avtom., telem. i svyaz' no.12:35-36 D '57. (MIRA 10:12)

1.Nachal'nik Adzhiknbul'skoy distantzii signalizatsii i svyazi Azerbaydzhanskoy dorogi (for Ksantopulo). 2.Starshiy elektromekhanik Moskovskoy distantzii signalizatsii i svyazi Oktyabr'skoy dorogi (for Kotlyarskiy). 3.Ayaguzskayadistantiya signalizatsii i svyazi Turkestan-Sibirskoy dorogi (for Alkina, Smirnov, Kunitsyna, Ignatova). 4.Zaveduyushchiy postom dispetcherskoy tsentralizatsii Ayaguzskoy distantzii signalizatsii i svyazi Turkestan-Sibirskoy dorogi (for Ignatov). 5.Krasnolimanskaya distantiya signalizatsii i svyazi Donetskoy dorogi (for Kirsanov). 6.Moskovskaya distantiya signalizatsii i svyazi Gor'kovskoy dorogi (for Molodtsov). 7.Zamestitel' nachal'nika sluzhby signalizatsii i svyazi Orenburgskoy dorogi (for Rod'ko).

(Railroads--Signaling)

IGNATOVA, O.F.

Course of pneumonia in very young children with rickets and the
variability of alkaline phosphatase. Sbornik nauch. trud. TashMDI
22:134-139 '62. (MIRA 18:10)

1. Kafedra pediatrii sanitarnogo fakul'teta (zav. kafedroy - prof.
V.S. Aleksandrova) Tashkentskogo gosudarstvennogo meditsinskogo
instituta.

IGNATOVA, O.I.; MIKHEYEV, V.V.

Graphic method of making calculations for soil foundations by
deformations. [Trudy] NII osn. no.49:97-104 '62. (MIRA 15:12)
(Soil mechanics)

IGNATOVA, O.I.; MIKHEYEV, V.V.

Study of the relation between the deformation modulus and the
physical characteristics of alluvial clay soils. Osn., fund.
i mekh. grun. 7 no.4:16-18 '65. (MIRA 18:8)

IGNATOVA, O.M., nauchnyy sotrudnik; NILOVA, V.I., nauchnyy sotrudnik

Consultations. Tekst. prom. 19 no.9:85-87 S '59.

(MIRA 12:12)

1. TSentral'nyy nauchno-issledovatel'skiy institut khlopkhatobumash-
noy promyshlennosti.

(Textile machinery)

IGNATOVA, O. V.

F-6

USSR /Microbiology. Medical and Veterinary
Microbiology.

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35674

Author : Ignatova, O.V.

Title : Concerning the Biochemical and Cultural-
Morphological Properties of Pasteurellae of
Agricultural Animals

Orig Pub: Tr. Mosk. vet. akad., 1956, 12, 19-25

Abstract: Studied were the cultural-morphological proper-
ties and fermentative capabilities of 75 strains
of Pasteurellae: 13 from museums and 62 isolated
from various animals from different oblasts and
republics of the USSR. In their cultural-
morphological aspect, with rare exceptions, the
strains acted typically. All the cultures formed

Card 1/2

USSR /Microbiology. Medical and Veterinary
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35674

indol (the method of Legal-Weil was used), did not produce hydrogen sulfide, possessed the capability of reduction, did not cause hemolysis in media containing blood and did not coagulate milk. In media with sugar and alcohol all the cultures fermented glucose and saccharose with the formation of acid (but not gas), and did not modify the media with lactose, maltose, rhamnose, salicin, or raffinose. The characteristics mentioned are recommended for use in the differential diagnostics of Pasteurellae.

Card 2/2

BAKULOV, I. A. and IGNATOVA, O. V. (Candidates of Veterinary Sciences), PETRENKO, A. Ye.
(Physician-Laboratory Technician, Moscow Veterinary Academy).

"Conjunctival test made on guinea pigs and rabbits in the diagnosis of
listerellosis"

Veterinariya, vol. 39, no. 8, August 1962, p. 75

SOSOV, R.F.; BAKULOV, I.A.; IGNATOVA, O.V.

Book reviews and bibliography. Veterinariia 40 no.2:88-90 F '63.
(MIRA 17:2)

BAKULOV, I.A., kand. veterin. nauk; GNATOVA, O.V., kand. veterin. nauk;
PETRENKO, A.Ye., vrach-laborant

Conjunctival test on guinea pigs and rabbits in the diagnosis
of listeriosis. Veterinariia 39 no.8:75-77 Ag '62.
(MIRA 17:12)

1. Moskovskaya veterinarnaya akademiya.

98/5

621.12

.B41

Po Ozeram Sibiri i Sredney Azii (Through the Siberian Lakes and Central Asia) Putesh-
estviya L. S. Berga (1898-1906 *SS*) i P. G. Ignatova (1898-1902 *SS*) Moskva, Geografiz, 1955.
318 P. Illus., Maps., Port.
Bibliographical Footnotes.

ZAYTSEV, M.L.; MAKEYEV, I.F.; IGNATOVA, R.G.; NIKOZOV, A.I.; PATSEKIN, P.P.

Effect of rolling conditions on the 250-2 MMK finishing mills on
quality of rolled rods. [Sbor. trud.] TSNICHM no.29:155-170
'63.
(MIRA 17:4)

USSR / Pharmacology and Toxicology. Chemotherapeutic Agents.
Antimalarial Agents.

V-10

Abs Jour : Ref. Zhur - Biologiya, No 17, 1958, No. 80730

Author : Ignatova, R. V.

Inst : Not given

Title : Treatment of Lupus Erythematosus with Resoquin

Orig Pub : Sb nauchn. rabot. Belorussk. n.-i. kozhnovenerol. in-t,
1957, 5, 104-111

Abstract : 20 patients with lupus erythematosus (length of illness approximately 5-15 years), ages 20-50 years, were treated with resoquin (I) in a dose of 0.25 g 2 times a day for 20-25 days. After an interruption (3-6 weeks), a second course of a different length was carried out. It was shown that I gave distinct and good results in 23 patients (75%). I gives the fullest and most rapid therapeutic effect, in comparison with other methods of treatment. The side

Card 1/2

L 52384-65 PSS-2/BWT(1)/EED-2 Pm-4/Pac-4/Pj-4/Pk-4/Pl-4 W.

ACCESSION NR: AT5012356

UR/2531/65/000/173/0003/0008

AUTHOR: Ignatova, R.V.; Petrushevskiy, V.A.

TITLE: Efficiency and reliability of radar detection of clouds which do not produce precipitation

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 173, 1965. Voprosy radiometeorologii (Problems in radiometeorology), 3-8

TOPIC TAGS: radar cloud detection, ²¹precipitationless cloud, meteorological radar

ABSTRACT: Ye. M. Sal'man and B. Sh. Divinskaya previously investigated (Trudy GGO, no. 159, 1964) the efficiency of radar detection of precipitation-producing clouds. The present work deals with the efficiency and reliability of radar detection of clouds which do not produce precipitation. Experimental data concerning the radar detection of variously shaped clouds and the methods used during such observations are given. Tests show that 1) for all types of clouds, the probability of detection is below 100%; 2) for all types of clouds, there are distance intervals over which the detection probability remains constant; and 3) the detection probability decreases with distance (this is particularly pronounced in the Sc case). Consequently, the detection probability of precipitationless

Card 1/2

L 52384-65

ACCESSION NR: AT5012356

clouds is low compared with that of clouds with precipitation, and the reliability of detecting such clouds even in the near zone is less than 100% and cannot be gauged by an effective radius. The most convenient method for cloudiness detection (especially in the case of cumulus clouds) is total sky scanning. Orig. art. has: 3 formulas, 1 figure, and 2 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NO REF SOV: 002

OTHER: 000

gal
Card 2/2

L 53735-65 EWT(1)/FCC/REC(t) RB/GW

ACCESSION NR: AT5012359

UR/2531/65/000/173/0026/0033

AUTHOR: Ignatova, R. V.; Petrushevskiy, V. A.; Sal'man, Ye. M.

TITLE: Radar criteria for cloud identification

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 173, 1965. Voprosy radiometeorologii (Problems in radiometeorology), 26-33

TOPIC TAGS: cloud identification, radar cloud identification, cloud reflectivity, meteorological radar

ABSTRACT: The identification of clouds and the determination of the size of the cloud cover are one of the most important tasks of meteorological observations. The recent use of special high-power meteorological radar units offers new approaches to this old problem (Ye. M. Sal'man, Trudy GGO, no. 149, 1963). Two methods are currently in use: 1) vertical probing, and 2) the vertical cross section approach. Their proper operation requires radar criteria for cloud identification. Special radar observations in the Siverskaya Leningradskaya oblast during 1963 aimed at the establishment of such criteria using the reflectance Z , the average reflectance $\bar{Z}$, reflectance dispersion σ_z , and the modal value of the reflectance Z_{M_0} as parameters. Some of the results of comprehensive tests are shown in Figs. 1 and 2 of the Enclosure. Orig. art.

Card 1/4

L 53735-65

ACCESSION NR: AT5012359

has: 2 figures and 2 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya im. A. I. Voyeykova,
Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

ENCL: 02

SUB CODE: ES, DC

NO REF SOV: 003

OTHER: 000

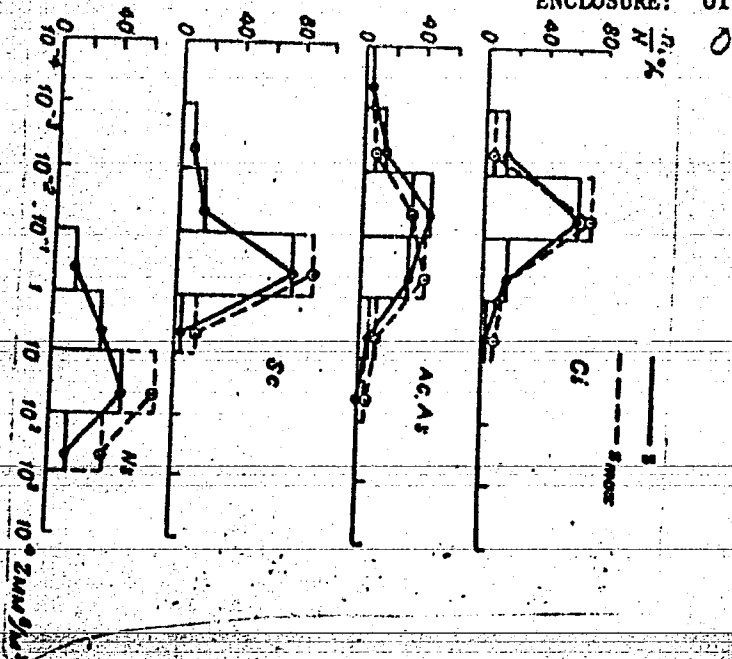
Card 2/4

L 53735-65

ACCESSION NR: AT5012359

ENCLOSURE: 01

Figure 1. Reflectivity histogram of various types of clouds.



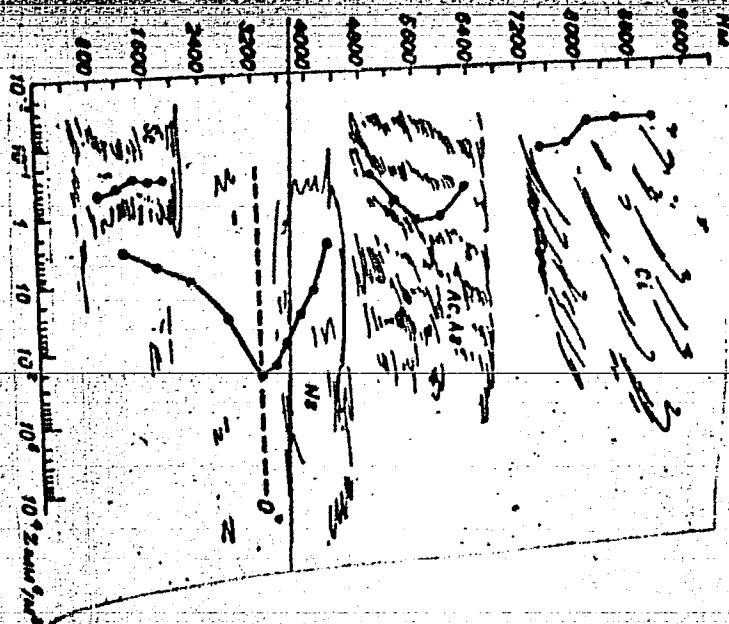
Card 3/4

5373-65

AGCENSTON, W. A-101213

ENCLOSURE 02

Figure 2. Vertical reflectivity profiles of various types of clouds.



Card 4/4

IGNATOVA, R.V.; PETTUSHEVSKIY, V.A.

Effectiveness and security of radar detections of clouds without precipitation. Trudy GGO no.173:3-8 '65.

(MIRA 18:3)

IGNATOVA, R.V.; PETRUSHEVSKIY, V.A.; SAL'MAN, Ya.M.

Radar indications of the nature of the cloud cover. Trudy GGO
no.173:26-33 '65. (MIRA 18:3)

MAKAROVA, M.F., red.; KOVALEVA, M.F., red.; IGNATOVA, S.A., red.;
VORONINA, N.V., red.; KOKOSHKO, A.G., red.; KUDRYAVTSEV,
S.P., red.; NAUMOV, K.M., tekhn.red.

[Utilization of material and labor resources on collective farms and the improvement of collective farmers' welfare at the present-day stage] Ispol'zovanie material'nykh i trudovykh resursov kolkhov i povyshenie blagosostoiianiia kolkhovnikov na sovremennom etape. Moskva, Izd-vo VPSH i AON pri TsK KPSS, 1962. 462 p. (MIRA 15:9)

1. Moscow. Akademiya obshchestvennykh nauk.
(Collective farms)

15.8/10

S/191/62/000/009/006/012
B101/B144

AUTHORS: Farberova, I. I., Ratner, S. B., Lur'ye, Ye. G., Gurman, I. M., Ignatova, T. A., Nosova, L. A.

TITLE: Effect of some factors of composition and manufacture on the wear of plastics

PERIODICAL: Plasticheskiye massy, no. 9, 1962, 35 - 38

TEXT: The results of wear tests on plastics using emery cloth (EC) and metal gauze (MG) are given. For MG wear tests and tests with smooth steel the equation $v = v_1 P^\alpha$ holds mainly for the frictional wear while the EC test characterizes the purely abrasive wear. Data of wear ($\text{mm}^3/\text{m} \cdot \text{cm}^2$ at 5 kg/cm^2) at 60°C (first figure EC test, second figure MG test, third figure α) for epoxy compounds with various fillers: ED-5 (ED-5) resin with dibutyl phthalate without filler: 48, 1.8, 3.5; with graphite: 70, 0.05, 1.8; with iron powder: 25, 0.05, 1.6. For polyvinylchloride plastics filled with asbestos, talcum or quartz an initial decrease of wear with increasing filler content is followed by an increase. The minimum of

Card 1/2

Effect of some factors of composition...

S/191/62/000/009/006/012
B101/B144

wear is explained by the limit of compatibility between filler and polymer. For polyamides, a strong reduction of wear is already achieved with low filler addition. Data for polyamide 68 (first figure EC test, second figure MG test, $\text{mm}^3/\text{m}\cdot\text{cm}^2$): without filler 0.61, 0.0025; with 5% talcum 0.64, 0.0006; with 20% talcum 0.73, 0.0014; with 40% talcum 1.10, 0.010; with 0.5% MoS_2 0.91, 0.0003; with 5% MoS_2 1.01, 0.0006. The MG test is much more sensitive than the EC test. The EC test shows the wear in polymers to be a linear function of the product of impact strength and hardness, whereas according to the MG test the wear is a linear function of the product of tensile strength and breaking elongation. There are 3 figures and 3 tables. The English-language reference is: ASTM Standards on Plastics, ASTM D1242, 56 (1957).

Card 2/2

IGNATOVA, T.A.; BARSHTEYN, R.S.

Adhesives for poly(vinyl chloride). Plast. massy no.10:61-62
'62. (MIRA 15:11)

(Vinyl compound polymers)
(Adhesives)

ACCESSION NR: AT4016996

8/3057/63/000/000/0080/0092

AUTHOR: Struminskiy, G. V.; Ignatova, T. A.; Katkova, T. N.; Zelenov, A. S.;
Ivanova, T. G.

TITLE: Glue PED-B for gluing formula 57-40 masticated rubber to the surfaces
of building structures

SOURCE: Zashchitnyye pokry*tiya v atomnoy tekhnike (Shielding in nuclear
engineering); sbornik statey. Moscow, Gosatomizdat, 1963, 80-92

TOPIC TAGS: glue PED-B, 57-40 masticated rubber, masticated rubber, radio-
active contamination, radioactive shielding, nuclear shielding, glue

ABSTRACT: The authors discuss the shortcomings of certain of the glues
thus far used for fastening the polyvinylchloride masticated rubber shielding
(formula 57-40) which is presently in wide use as a protection against radio-
active contamination. Experimental work has shown that glue compositions on
a perchlorvinyl resin base with a small admixture of epoxide resin ED-5 have
good adhesion to formula 57-40 polyvinylchloride masticated rubbers. The
introduction into the composition of epoxide resin hardeners leads to the
formation of a three-dimensional structure during the hardening process of

Card 1/3